

DURABOOK

Prepared for the Unexpected



Introducing the DURABOOK Rugged Product Lineup

FOR THE MOST EXTREME AND HAZARDOUS ENVIRONMENTS.

Some environments require rugged products that can literally take a beating. When you need mobile computing solutions they can depend on in extreme environments, rugged is a must. Getting durability, performance and reliability in any environment and any condition is crucial. Built to meet the heightened needs of industry clients, DURABOOK's unmatched rugged product lineup has everything you need.

RUGGED FOR THE REAL WORLD.



DURABOOK INNOVATION. RUGGED DOMINATION.



Certified by independent third-parties for MIL-STD-810H and IP ratings, as well as ANSI/UL 121201 and MIL-STD-416G/416F.



Survived drop tests up to 6 feet (182 cm), rigorous vibration and impact protection tests.



The only rugged device manufacturer offering both full-featured, high-performance laptops and tablets with fanless thermal solution.



DynaVue® technology improves display clarity and 23% wider viewing angle, while the screen is designed and built at industrial class for outdoor weather and light conditions.



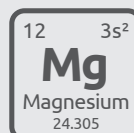
Leading rugged design to increase productivity and efficiency for any conditions.



Certified intrinsically safe for the use in hazardous environments and explosive atmospheres.



Experience peak performance in extreme temperatures, whether in freezing cold up to -29°C (-20 °F) or extreme hot temperatures of 63°C (145°F).



Designed from the ground up with high-performance materials for full protection.

DURABOOK PRODUCT LINEUP - QUICK REFERENCE GUIDE

GENERAL SPECS
& PERFORMANCE
FEATURES



Z14I
Laptop



S14I
Laptop



S15
Laptop

Operating System	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Processor	Intel® Core™ Ultra 5/7	Intel® Core™ Ultra 5/7	Intel® Core™ i5-1235U (i7 optional)
Graphics	Intel® Graphics Optional NVIDIA® RTX A500 ¹³	Intel® Graphics Optional NVIDIA® RTX A500	Intel® Iris® Xe Graphics ¹⁵ Intel® UHD Graphics
Memory	8-64 GB (5600MHz DDR5)	8-64 GB (5600MHz DDR5)	8-64 GB (4800MHz DDR5)
Storage	256 GB NVME PCIE SSD Optional 512G/1TB/2TB PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd/3rd SSD	256 GB NVME PCIE SSD Optional 512G/1TB/2TB PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd SSD	256 GB NVME PCIE SSD Optional 512GB/1TB/2TB PCIE SSD Optional 2nd/3rd SSD
Display	14.0" FHD (1920 x 1080) With 1200 nits DynaVue® Technology	14.0" FHD (1920 x 1080) Optional with 1200 nits DynaVue® Technology	15.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology
Touchscreen	Multi-Touch	Optional Multi-Touch	
Camera	2.0 MP with shutter design Optional IR camera for Windows Hello	2.0 MP with shutter design Optional IR camera for Windows Hello	2.0 MP Optional IR camera for Windows Hello
Additonal Key Buttons	2 (user-definable)	2 (user-definable)	2 (user-definable)
Security	Intel® vPro™ Technology • Secured-Core PC TPM 2.0 • Easy removable SSD Stealth mode Smart card reader default Night vision mode Optional Windows Hello Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader	Intel® vPro™ Technology • Secured-Core PC TPM 2.0 • Easy removable SSD Stealth mode Optional Windows Hello Optional smart card reader ³ Optional night vision mode ¹⁰ Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode Optional smart card reader Optional night vision mode ¹⁰ Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader Optional Windows Hello
I/O Interfaces	Thunderbolt 4 (type C) x 2 USB 3.2 Gen2 (type A) x 1 USB 3.2 Gen1 (type A) x 1 USB 2.0 (type A) x 1 Audio in/out x 1 • RJ45 x 2 • Serial port x 2 HDMI 2.1 port x 1 • VGA port x 1 Docking connector x 1 • DC-In x 1 Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) x 1 Smart card reader x 1 ExpressCard 54 x 1	Thunderbolt 4 (type C) x 2 USB 3.2 Gen2 (type A) x 1 USB 3.2 Gen1 (type A) x 1 or 2 ³ Audio in/out x 1 • RJ45 x 2 HDMI 2.1 port x 1 • Serial port x 1 or 2 ³ Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) x 1 Optional smart card reader x 1 ³ Optional ExpressCard 54 x 1 ³ Optional docking connector x 1 • DC-In x 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) x 2 USB 3.2 Gen2 (type C) x 1 RJ45 x 1 • VGA x 1 • HDMI x 1 Serial port x 1 • DC-In x 1 Audio in/out x 1 microSD card (microSDXC) x 1 Nano SIM card x 1 Optional docking connector x 1 Optional smart card reader x 1
Wireless Connectivity	Wi-Fi 7 BE200 (802.11 be) / Bluetooth® V5.4 Optional dedicated GPS & 4G LTE Optional 5G	Wi-Fi 7 BE200 (802.11 be) / Bluetooth® V5.4 Optional dedicated GPS & 4G LTE Optional 5G	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional GPS & 4G LTE Optional 5G
Media Bay / Expansion Slot	Optional DVD super multi Optional 2nd battery • Optional SATA SSD Optional PCI-Express 3.0 (2 slots) ¹³ Optional discrete VGA ¹³ Optional storage extension ¹³ Optional military-grade connectors	Optional smart card reader ³ Optional barcode reader ³ Optional ExpressCard 54 ³ Optional 2nd serial port(RS232) & USB 3.2 Gen 1 (type A) ³ Optional discrete VGA	Optional DVD super multi Optional 3rd SSD Optional ExpressCard 54 ¹³ Optional discrete VGA Optional 2nd RJ45 and 2nd RS232 ¹³
Power Adapter	AC adapter : 100-240V, 50Hz-60Hz, 90W Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA	AC adapter : 100-240V, 50Hz-60Hz, 90W Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA	AC adapter : 100-240V, 50Hz-60Hz, 90W
Battery Life ¹	12.5 (up to 21.5 hours with optional 2nd battery)	16 (up to 32 hours with optional 2nd battery)	12
Swappable Battery	Optional	Optional	Optional
Operating Temperature	-29°C ~ 63°C / - 20°F ~ 145°F	-29°C ~ 63°C / - 20°F ~ 145°F	-20°C ~ 60°C / - 4°F ~ 140°F
Storage Temperature	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F
Dimension	356 mm (L) x 280 mm (W) x 50 mm (H) ⁴ 14.02" (W) x 11.02" (D) x 1.97" (H) ⁴	350 mm (L) x 282 mm (W) x 38 mm (H) ⁴ 13.78" (W) x 11.1" (D) x 1.5" (H) ⁴	375 mm (L) x 273 mm (W) x 29.5 mm (H) ⁴ 14.76" (W) x 10.75" (D) x 1.16" (H) ⁴
Weight ⁵	3.6 kg / 7.93 lb	2.37 kg / 5.23lb	2.6 kg / 5.73 lb

RUGGED FEATURES

MIL-STD-810H Certified ²	810H	810H	810H
MIL-STD-461G/F Certified ²	461G		
Drop Rating/IP Certified ²	6 ft / IP 66	4 ft / IP 53	4 ft / IP 53
ATEX Zone 2/22 Certified			
ANSI/UL 121201(C1D2)	●		
Quick-Release Storage	●	●	
Al-Mg Alloy Chassis	●	●	●
Coolfinity™ Fanless Design	●		
3-Year Warranty	●	●	●

 U111 Tablet	 R11 Tablet	 R11L Tablet	 R8 Tablet	 U111-EX Tablet	 R8-EX Tablet
Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Intel® Core™ i5-1230U (i7 optional)	Intel® Core™ i5-1235U (i7 optional)	Intel® Pentium® Gold 8505	Intel® Core™ i5-1230U (i7 optional) Intel® Pentium® Gold 8500	Intel® Core™ i5-1230U (i7 optional)	Intel® Core™ i5-1230U (i7 optional) Intel® Pentium® Gold 8500
Intel® Iris® Xe Graphics	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics	Intel® Iris® Xe Graphics	Intel® UHD Graphics
Onboard 8GB - 32GB (LPDDR4x)	8-32 GB (4800MHz DDR5)	8 GB (4800MHz DDR5)	Onboard 8GB - 16GB (LPDDR4x)	Onboard 8GB - 32GB (LPDDR4x)	Onboard 8GB - 16GB (LPDDR4x)
256 GB NVME PCIE SSD Optional OPAL 2.0 SSD	256 GB NVME PCIE SSD	128 GB NVME PCIE SSD	128 GB NVME PCIE SSD	256 GB NVME PCIE SSD	128 GB NVME PCIE SSD
11.6” FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	11.6” FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	11.6” FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	8.0” LCD (1280 × 800) With 800 nits DynaVue® Technology	11.6” FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	8.0” LCD (1280 × 800) With 800 nits DynaVue® Technology
Multi-Touch optional with digitizer	Multi-Touch	Multi-Touch	Multi-Touch optional with digitizer	Multi-Touch optional with digitizer	Multi-Touch optional with digitizer
Front : 2.0 MP Optional IR camera for Windows Hello Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash	Front : 2.0 MP Optional IR camera for Windows Hello Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash
5 (2 user-definable)	6 (2 user-definable)	6 (2 user-definable)	3 (1 user-definable)	5 (2 user-definable)	3 (1 user-definable)
Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Easy removable SSD • Stealth mode Optional smart card reader × 1 or × 2 ⁹ Optional night vision mode ¹⁰ Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader ⁹ Optional Windows Hello	Intel® vPro™ Technology TPM 2.0 NIST BIOS compliant Stealth mode Kensington lock Optional night vision mode ¹⁰ Optional smart card reader ⁷ Optional LF/HF-RFID (NFC) reader ⁷	TPM 2.0 NIST BIOS compliant Stealth mode Kensington lock Optional night vision mode ¹⁰ Optional smart card reader ⁷ Optional LF/HF-RFID (NFC) reader ⁷	Intel® vPro™ Technology TPM 2.0 Stealth mode Night vision mode Optional smart card reader ¹³ Optional LF/HF-RFID (NFC) reader ¹³ Optional UHF-RFID (NFC) reader ¹³	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode Optional smart card reader × 1 Optional night vision mode ¹⁰ Optional fingerprint scanner Optional Windows Hello	Intel® vPro™ Technology TPM 2.0 Stealth mode Night vision mode
Thunderbolt 4 x 1 USB 3.2 Gen1 (type A) × 1 or 2 ⁸ Optional USB 3.2 Gen2 (type C) × 1 Optional USB 2.0 (type A) × 1 Audio in/out × 1 microSD card (microSDHC, microSDXC) × 1 RJ45 × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1 Optional smart card reader × 1 or 2 ⁹	Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) × 1 Micro HDMI x 1 Audio in/out × 1 microSD card (microSDXC) × 1 Docking connector × 1 Nano SIM card × 1 DC-In x 1 Optional RJ45 × 1 ⁷ Optional smart card reader x 1 ⁷ Optional 1D/2D barcode reader x 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) × 1 Micro HDMI x 1 Audio in/out × 1 microSD card (microSDXC) × 1 Docking connector × 1 Nano SIM card × 1 DC-In x 1 Optional RJ45 × 1 ⁷ Optional smart card reader x 1 ⁷ Optional 1D/2D barcode reader x 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type C) × 1 Optional USB 3.2 Gen1 (type A) × 1 ¹³ Optional RJ45 × 1 ¹³ Optional serial port × 1 ¹³ Audio in/out × 1 microSD card (microSDXC) × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1	Thunderbolt 4 x 1 USB 3.2 Gen1 (type A) × 1 or 2 ⁸ Optional USB 3.2 Gen2 (type C) × 1 Optional USB 2.0 (type A) × 1 Audio in/out × 1 microSD card (microSDHC, microSDXC) × 1 RJ45 × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1 Optional smart card reader × 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type C) × 1 Optional USB 3.2 Gen1 (type A) × 1 ¹³ Audio in/out × 1 microSD card (microSDXC) × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1
Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ¹⁴ Optional 4G LTE ¹⁴ / Optional 5G ¹⁴	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ⁶ Optional GPS & 4G LTE (combo) ⁶	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ⁶ Optional GPS & 4G LTE (combo) ⁶	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ⁶ Optional GPS & 4G LTE (combo) ⁶	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ¹⁴ Optional 4G LTE ¹⁴ / Optional 5G ¹⁴	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS ⁶ Optional GPS & 4G LTE (combo) ⁶
Optional serial port (RS232/422/485) or USB 3.2 (type C) or USB 2.0 or 2nd USB 3.2 Gen1 (type A) or 1D/2D barcode reader ⁸ Optional ExpressCard 54 or LF/HF-RFID (NFC) or 2nd smart card reader ⁹	Optional RJ45 port or LF/HF-RFID (NFC) or smart card reader or MSR+smart card reader or RJ45/RS232/smart card reader ⁷	Optional RJ45 port or LF/HF-RFID (NFC) or smart card reader or MSR+smart card reader or RJ45/RS232/smart card reader ⁷	Optional 1D/2D barcode reader ¹³ Optional magnetic stripe reader ¹³ Optional smart card/CAC reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1 (type A) ¹³	Optional serial port (RS232/422/485) or USB 3.2 (type C) or USB 2.0 or 2nd USB 3.2 Gen1 (type A) or 1D/2D barcode reader ⁸	Optional 1D/2D barcode reader ¹³
AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W
10 (up to 20 hours with optional hi-cap battery)	8.5 (up to 15 hours with optional hi-cap battery)	8.5 (up to 15 hours with optional hi-cap battery)	8.5 (up to 17 hours with optional hi-cap battery)	10 (up to 20 hours with optional hi-cap battery)	8.5 (up to 17 hours with optional hi-cap battery)
Optional			Optional	Optional	Optional
-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F
-51°C ~ 71°C / -60°F ~ 160°F	-40°C ~ 71°C / -40°F ~ 160°F	-40°C ~ 71°C / -40°F ~ 160°F	-46°C ~ 71°C / -51°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-46°C ~ 71°C / -51°F ~ 160°F
317mm (L) × 215mm (W) × 24 mm (H) 12.48” (W) × 8.46” (D) × 0.94” (H)	299 mm (L) × 192 mm (W) × 20 mm (H) 11.73”(W) × 7.56” (D) × 0.78” (H)	299 mm (L) × 192 mm (W) × 20 mm (H) 11.73”(W) × 7.56” (D) × 0.78” (H)	227 mm (L) x 150 mm (W) x 20.5 mm (H) 8.94” (W) x 5.91” (D) x 0.81” (H)	317mm (L) × 215mm (W) × 24 mm (H) 12.48” (W) × 8.46” (D) × 0.94” (H)	227 mm (L) x 150 mm (W) x 20.5 mm (H) 8.94” (W) x 5.91” (D) x 0.81” (H)
1.39 kg / 2.99 lb	1.2 kg / 2.65 lb	1.2 kg / 2.65 lb	0.86 kg / 1.9 lb	1.49 kg / 3.29 lb	0.88 kg / 1.94 lb

810H	810H	810H	810H	810H	810H
461G	461F	461F	461G		
6 ft / IP 66	4 ft / IP 66	4 ft / IP 66	6 ft / IP 66	6 ft / IP 66	6 ft / IP 66
				●	●
●	●	●	●		
●					
●	●	●	●	●	●
●			●	●	●
●	●	●	●	●	●

1. Tested using the MobileMark 2014 battery life benchmark and using no cellular mobile broadband. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
2. Tested by a national, independent third-party lab following MIL-STD-810H, MIL-STD-461G, MIL-STD-461F and IEC 60529 standards.
3. Smart card reader, ExpressCard 54 and 2nd serial port (RS232) + 2nd USB 3.2 Gen 1 are mutually exclusive options.
4. Actual height may vary with optional discrete VGA.
5. Actual weight may vary with different configurations.
6. GPS/WWAN and dedicated GPS are mutually exclusive options.
7. RJ45, smart card readers and RFID are mutually exclusive options.
8. 2nd USB 3.2 type A port, RS232 or 1D/2D barcode reader are mutually exclusive options. USB 2.0 or USB 3.2 type C are project-based features.
9. ExpressCard, RFID and 2nd smart card reader are mutually exclusive options.
10. Night vision mode is available only for sunlight readable display.
11. Factory option only. Support RAID 0 and RAID 1.
12. RFID and smart card reader are mutually exclusive.
13. Mutual exclusive options.
14. Dedicated GPS with 4G LTE and 5G are mutually exclusive options.
15. Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.

